



OREGON

TUALATIN

VALLEY

JUNE, 1983

AMATEUR RADIO CLUB

PO Box 5132 Beaverton, Ore. 97006

Meeting: Wednesday, June 15 at 7:00pm..
Coffee, juice and cookies at BREAK time..

PGE BUILDING-MURRAY AND SCHOLLS FERRY ROAD-BEAVERTON

President:	Bert Schmidt	W7JWG	Trustee:	Al Berg	WB7SIC
Vice-Pres:	Doc Miller	KA7BSD	Trustee:	Randy Cobb	KA7HJT
Secretary:	Linda Cereghino	N7CZY	Trustee:	Warren Knight	N7BIJ
Treasurer:	John Koenig	NB7W	Trustee:	Bob Orr	KB7CC
			Trustee:	Dick Powers	WB7ADM

FIELD DAY

JUNE 24-25-26

CONTEST

OPERATING

FOOD

RAFTING

FUN

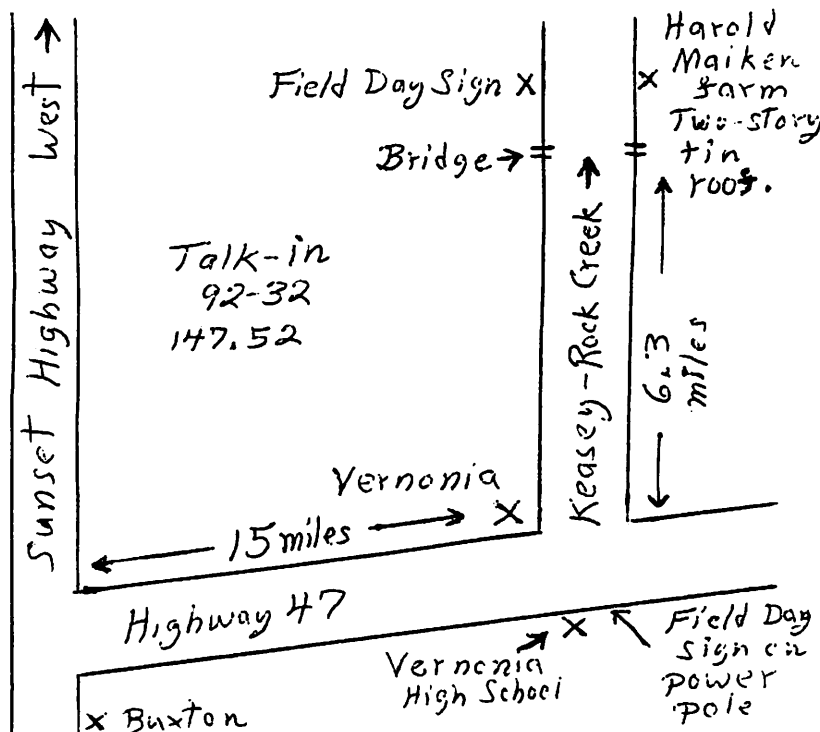
SWIMMING

GAMES

BINGO

FISHING

WEINER ROAST



FIELD DAY!

'LE MENU PETITE': For dinner on Saturday nite we will enjoy SPAGHETTI, SALAD AND GARLIC BREAD. Sunday morning breakfast has been changed from Eggs Benedict, so as to save time, and will now be scrambled eggs, sausage and pancakes. Coffee and milk, of course! As a special service to the Friday set-up crew, the evening will be blessed with a hot dog feed. Oscar Meyer will NOT be making a personal appearance this year. Sorry! Along with the usual excellent dining elegance, we feature a late nite (Saturday) marshmallow roast. Now you KNOW that all of this fare is costing money. Sooo! Meal costs will be \$2.00 for adults and a paltry \$1.00 for the 6 thru 12 year olds. Charge cards will not be acceptable! ALL CONDIMENTS WILL BE FURNISHED BY THE CLUB. THIS INCLUDES COFFEE, MILK, A PUNCH DRINK, PAPER PLATES AND CUPS. Please bring YOUR OWN UTENSILS!!! We will have some plastics for the forgetful, just in case.

HELP-HELP: We need a couple of large coffee pots. The big 30 cup type. We also need a few people who are willing to haul a HEFTY bag home with them. It has been a problem in the past as to how to get rid of all the garbage. Not a very glamorous job but one which needs attention. If a few will volunteer, it will make the social committees chores much easier. ALSO: We need a few helpers during chow time. Cooking, serving and etc.. THE MOST IMPORTANT HELP WE NEED IN THE KITCHEN IS IN CLEAN-UP!!!!!!!!!!!!!! It may come as a surprise but cleaning up after everyone takes just as long as it does to take down all of the operating equipment. Probably because it is usually three or four people who must clean up after over 100 members have enjoyed the cookhouse and its comforts. HOW ABOUT A FEW MORE MEMBERS GETTING INVOLVED IN CLEANING UP!!! It's the pits to see so many pulling out on Sunday with no regard as to what it takes to make the site secure. PLEASE OFFER YOUR TIME.....

SITE CONDITIONS OF USE

As we are on private property and it is a game preserve, pets must be left home. If you have a dog and you have absolutely NO choice but to bring it along it MUST BE ON A LEASH at ALL times. If it is a yapper, remember that there will be a lot of people running around in the middle of the nite and quite a few who will be trying to get some hard earned sleep. Cooperation would be very much appreciated.

When you enter the property you will have some gates to open. Please shut them behind you unless there is a sign posted saying otherwise. If a gate is open and no sign is present, assume that someone in front of you forgot and go ahead and shut it. Don't want any critters getting out and causing a roundup.

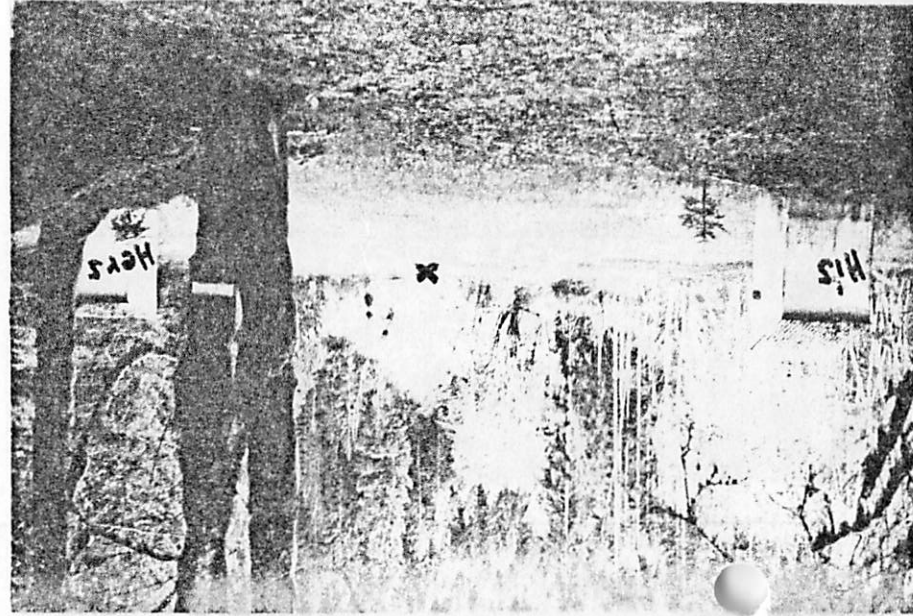
The only other thing that we ask is that you take care of your own trash. Last year there was a number of campers who took off and left behind a real mess. Not fair!! We are guests of the property owner and cannot leave the site looking like a garbage dump. SOMEBODY has to take the time to make sure that all is secured. Take the time to clean up your own area and make it easier for everybody. This includes that little item called cigarette butts. Yours truly and a few others spent quite a bit of time last year in disposing of several hundred NON-BIODEGRADABLE filter tips. What we put on the ground that was not there when we got there is a big fat NO!!!!!! Thanks for bearing up under all the no-nos.

THE YES-YES'S: If you haven't been to the site we have enjoyed for the past three years, take note of the pictures. Not many people shown in them but just picture over 100 happy people, adults and kids, running around and having a great time. Picture a campfire by the stream and the great social time we will have. And, for the contesteer, we have the biggie of the year. YES! You will have a good time. (pray for SUN)

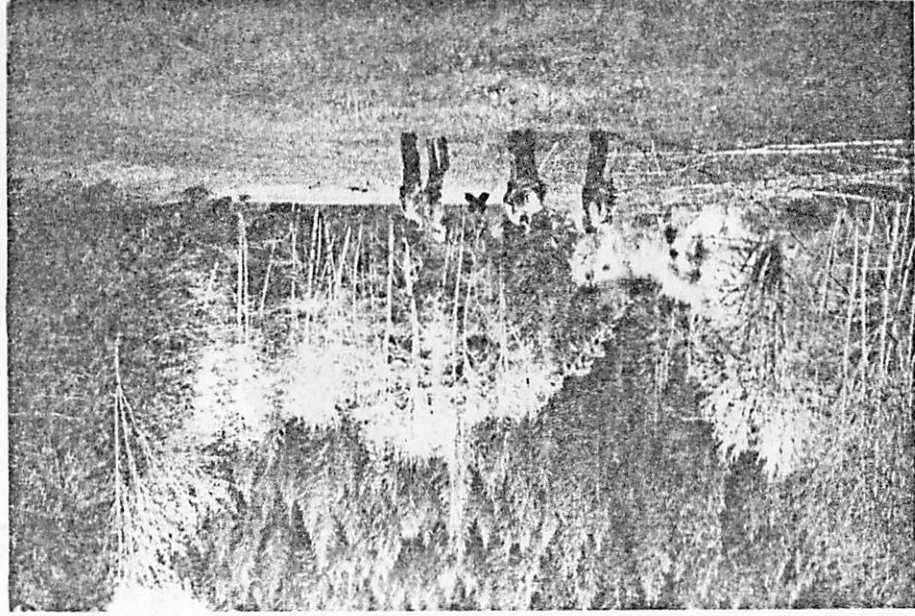
EAST: A few yards from the CW station. Fishing anybody? Hey guys, no pollution, please.



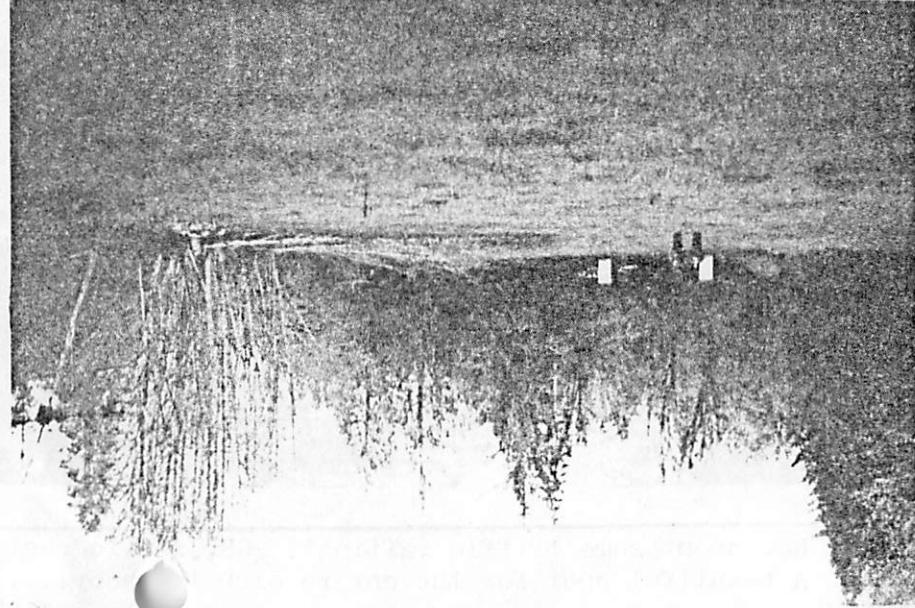
EAST: CW station at X, RV parking and 'facilities'. Rock Creek is on the left and passes by at X.

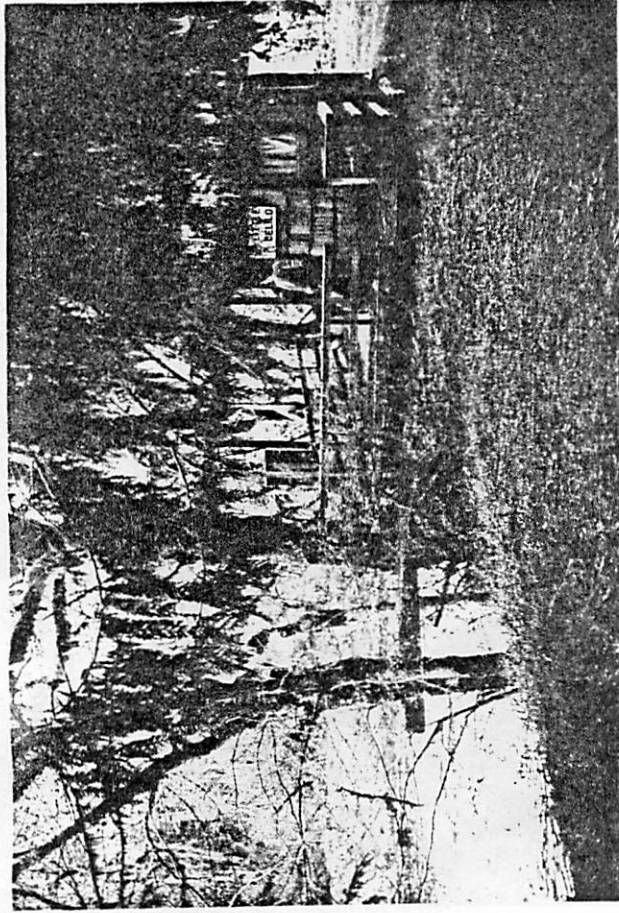


EAST: Toward CW station. Must be some heavy planning taking place?? Antennas, most likely..

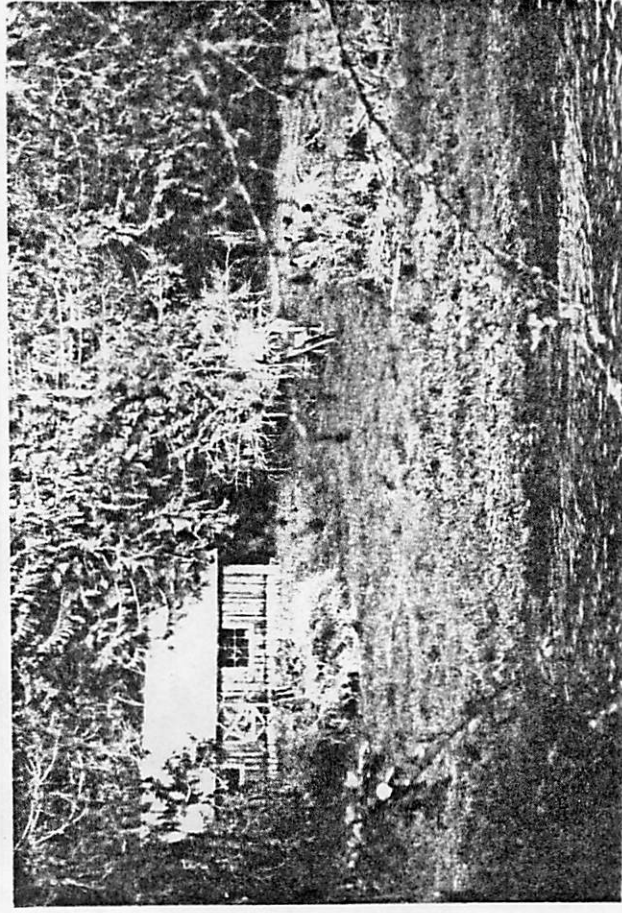


WEST: Toward cookhouse and 'facilities'. Rock Creek is on the right. Lots of parking and tent room....

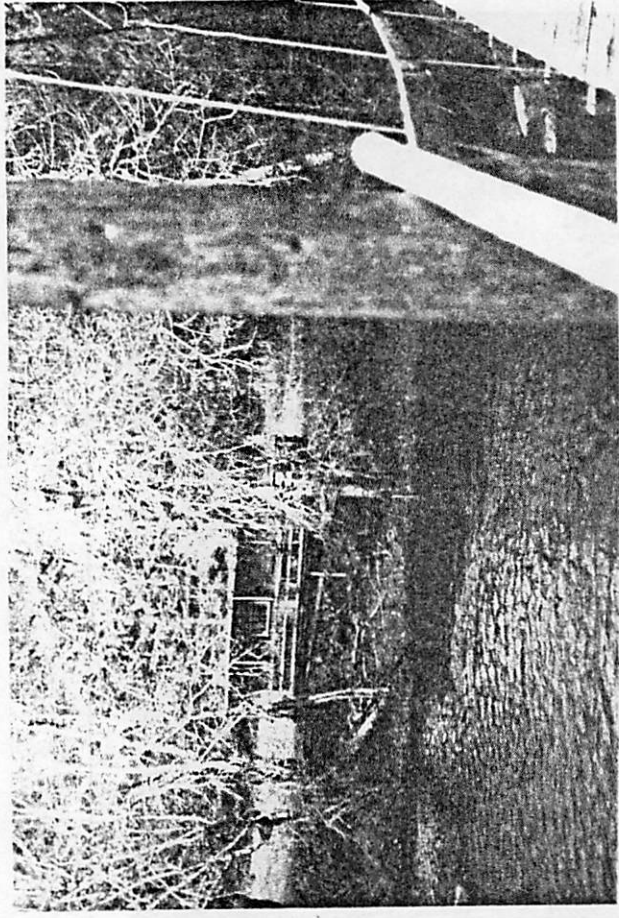




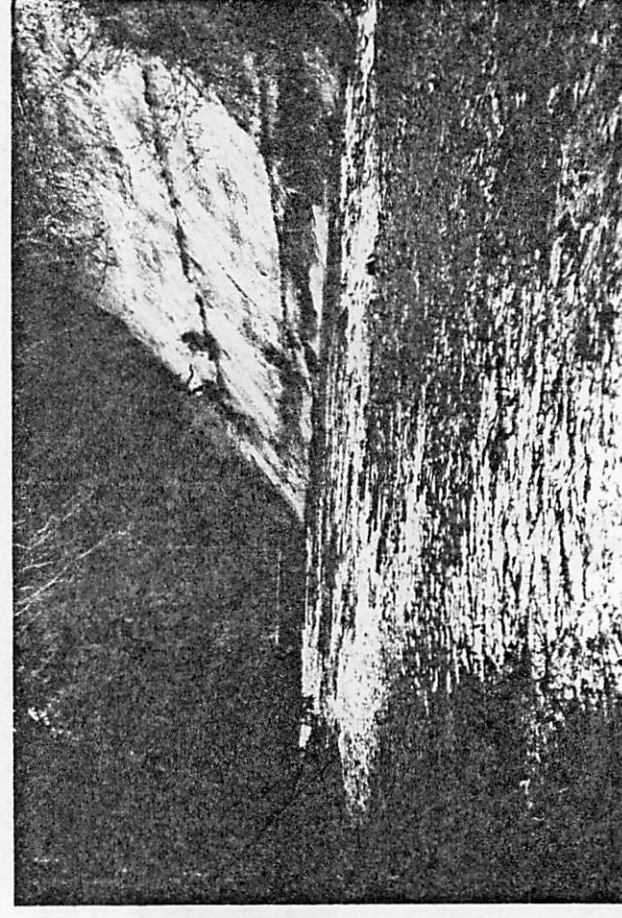
CENTRAL: Phone station on the front porch. Inside at nite.
All it lacks is a hammock. Fish while operating!!



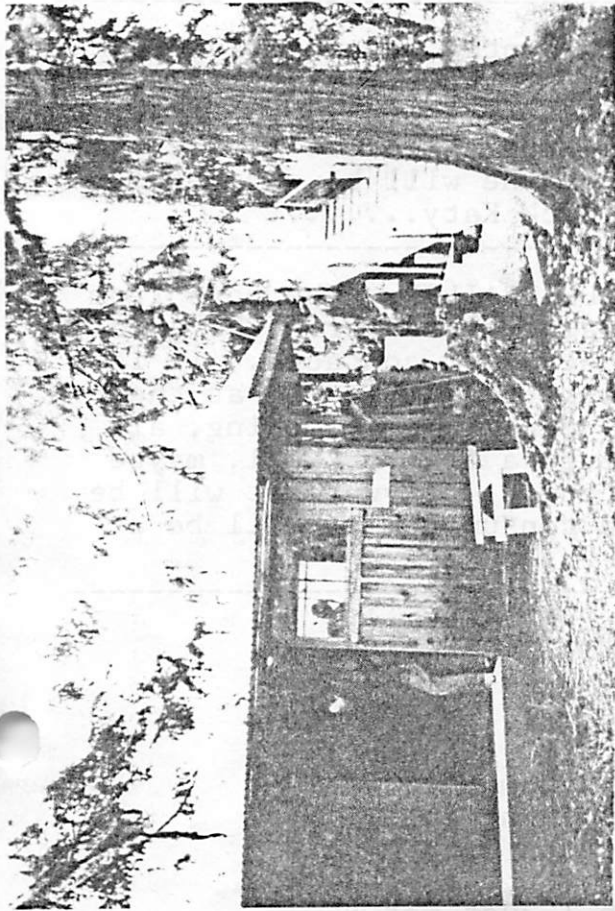
CENTRAL: Back of cookhouse and taken from the bridge. The
F o game will be taking place inside on Sat. pm.



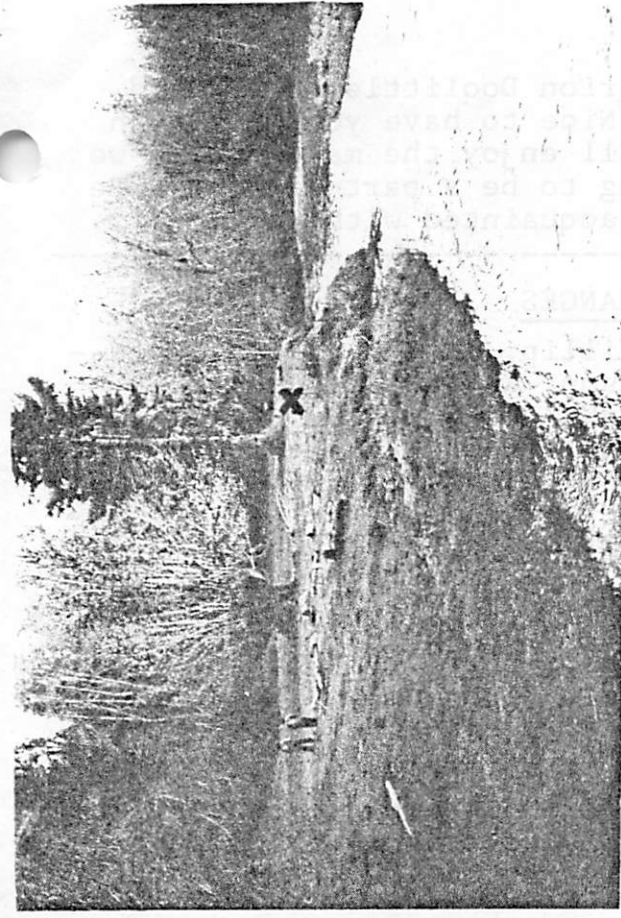
DITTO: Taken from the suspension bridge. All the comforts.
Even has a light bulb. The keg is 100' away.



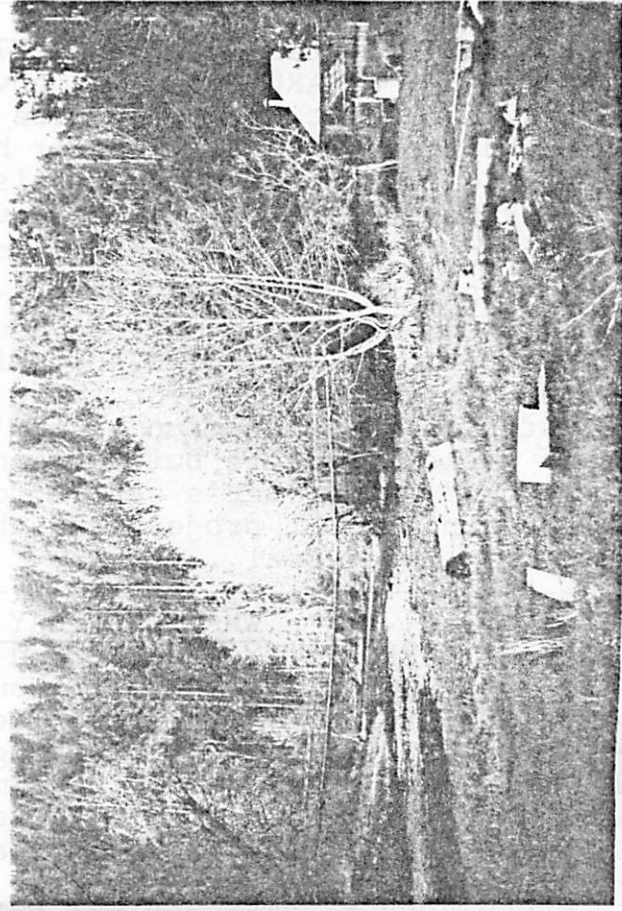
EAST: How about some 'rifle rafting'? OR, rifle casting.
A beautiful spot for the entire club to enjoy.....



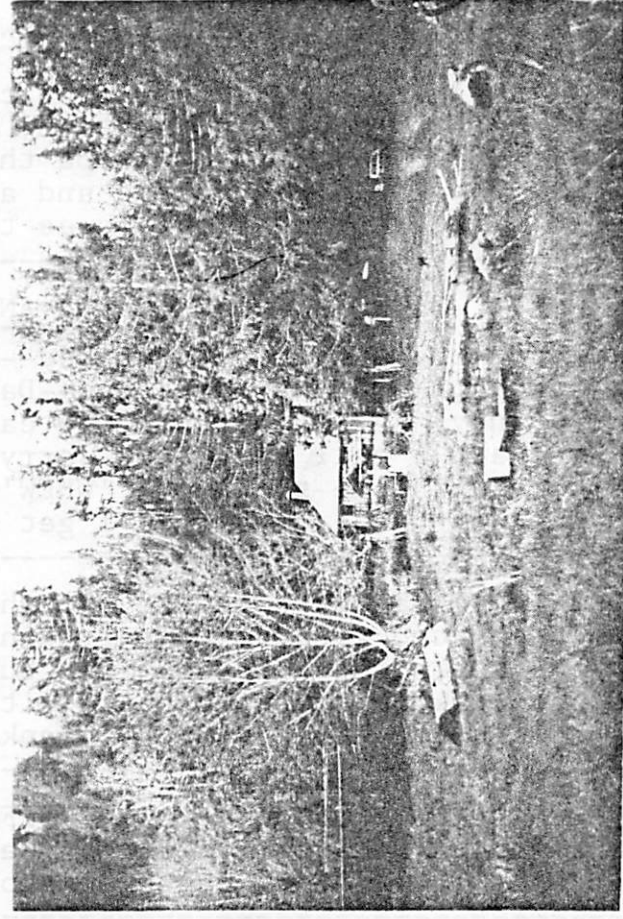
CENTRAL: El Cookhouse. Suspension bridge over Rock Creek on right. Beautiful shaded spot.



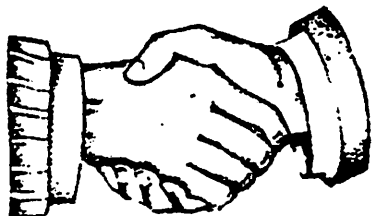
WEST: Phone station at X. Pretty rough huh! You can HEAR the fish swimming by. Rafting is a must!!



EAST: Toward cookhouse from phone station. That is a pretty nifty bridge. Also, check out the water well.



DITTO: Shows where your vehicle comes in. Gonna have a weiner roast where those logs are. FUN!!!



NEW MEMBERS

A very big welcome to Marion Doolittle, KD7II and Gary Wachtman, WB7BBF. Nice to have you guys with us. We hope that you will enjoy the many events we undertake and are willing to be a part of them. Be sure to attend the meetings so as to get us acquainted with you. 73...

UPGRADES AND CALL CHANGES

Martin Schmid, N7CYG, to advanced--Marty McKillip, KA7CTP, to advanced--John Bowman, N7DOB, to advanced--Dave Dickinson, KA7PWJ, to general---Scott Grandy, KA7ORM, with a new call of N7FAW--Bob Gonzales, KA7KBI, to advanced and a call of KD7IH--Jerry Norman, N7ACO, from general way up to extra class in one sitting. 'WHEW'. A hearty CONGRATULATIONS to all of you. One of these days when I get a round TUIT????

THANKS: Ron Magnus, WA7GFE, brought us our May meeting program from NASA and contributed greatly on narrating the silent portion of it. Too bad that the attendance was so light but as it was a nice day and the sound of grass growing could be heard, it is understood why so many decided to stay home and watch it grow. Thanks again to Ron. A SUPER program!!!!

THE WINNAH!!! Bill Wolverton, KI7F, won the ARRG 2m amp giveaway at the recent Fort Vancouver Hamfair. The Kenwood amp was furnished by Portland Radio and has a retail value of about \$99.00. Not bad for a \$1.00 bill..

ANOTHER WINNAH!!! Fran Hagg, KA7KIS, won the Digital Multimeter at the May meeting. That is about an \$80.00 prize folks and there was more! Congrats to Fran and hope that Cary uses it carefully. With permission!

NOVICE NEWS: Katy LaPay, wife of N7ALM, who recently passed away, is now enrolled in our OTVARC sponsored novice class. That is really a piece of good news. John set up a very nice station and it is just super that Katy is undertaking to fill in for him. No estate sale here as Katy is going to use the equipment and it is a good bet she will be a general class operator before the year is out. Good luck Katy.....

EMERGENCY TRAILER: Yippee Skippee! WE GOT OUR TRAILER. The boys from the committee got a good deal on a used contractors trailer. The good deal was via Jerry Norman, N7ACO, with his contractor contacts. It is a nice one. If you get out for field day you will see it in use at the novice station. Now the fun begins! Wiring, paneling, carpeting, all kinds of jacks and plugs built in and maybe even a frig?? Well, maybe a little one? Okay, let's settle for an ice chest. Anyway, it will be an interesting layout project and though time consuming, it will be a lot of fun. Super deal....

WHAT THEY SAY AND WHAT THEY MEAN

YOU HAVE MY SUPPORT: "You do it and I'll take the credit."

IT'S IN THE PROCESS: "We forgot about it until now."

I HAVE A CONFLICT: "My wife won't let me go."

IT FITS MY SCHEDULE: "She's visiting her sister."

A PROJECT: "Any activity requiring more than ten minutes."

A PROGRAM: "A project requiring more than one phone call."

IT'S BEING COORDINATED: "His secretary eats lunch with mine."

A RELIABLE SOURCE: "I just met this man."

AN INFORMED SOURCE: "The guy who told the man I just met."



FOR SALE: Heathkit model 2036. Fully synthesized. Covers 146-148 mhz. With mod kit-144 to 148. Comes with micorder and mobile mount. 10 watts input. \$150.00. Call Janet, WB7FJC-days-at 648-8621.

*Remember to mention that you are an OTVARC member whenever you make any purchase at Portland Radio or Antronics.

NOTE: We are currently number one in club rebate purchases. Only one other club comes close to matching our PR 1% income. HATS OFF!! Let's stay #1.....

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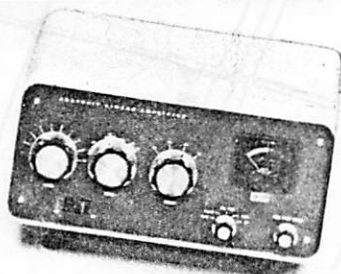
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N6AIC
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FOR BUNNY HUNT HELP PLEASE CALL:

General info: Mark, N7CRQ

Antennas: Mark, W7CLU

Attenuators: Terry, WB7CHK

Antenna Mounting Brackets:
Dave, W7LJN

Bunny hunting IS a lot of fun and it only requires a minimum of equipment to thoroughly enjoy. Why not give it a try and find out for yourself! Ragchewing and DX isn't everything, is it?? Try a new aspect of hamming.

NEW-NEW-NEW!!! BUNNY HUNT GIMMICK

Our bunny hunt committee is following in the footsteps of the FCC. We now have a technician, (beginning), an intermediate, (general), and an advanced class of hunting. We now have decided to abolish the beginning class and present the EXPERIMENTERS class. This class is much like the beginning class was. It starts at 2:00 pm on prearranged Saturdays and the bunny must be hiding within a 5 mile radius of the Beaverton Mall. EXCEPT on this hunt there are no winners or losers!! Everyone is a winner just by taking part. You may start from wherever you like, whenever you like and we only ask that you check in when you start hunting and if you quit, let the bunny know. After everyone finds the bunny, we will go and enjoy pizza or whatever suits you, at a nearby parlor. EVERY participant will get a sexy (rabbit type) piece of wallpaper. SO, get the old beam out of the garage and come join the fun. If you require help in getting started in this great sport, here are a few names to call. <----- (to the left, please)

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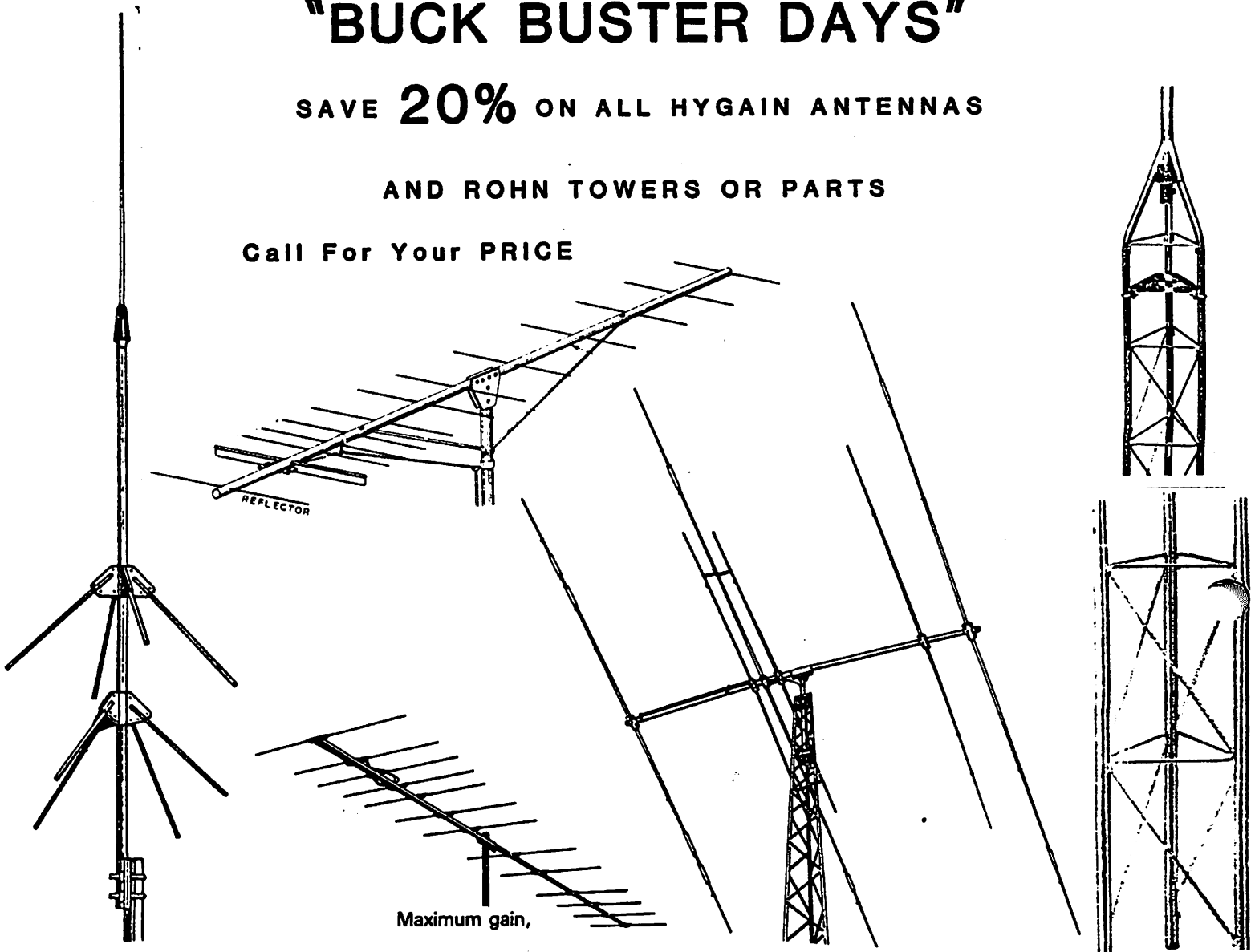
PRESENTS.....

"BUCK BUSTER DAYS"

SAVE **20%** ON ALL HYGAIN ANTENNAS

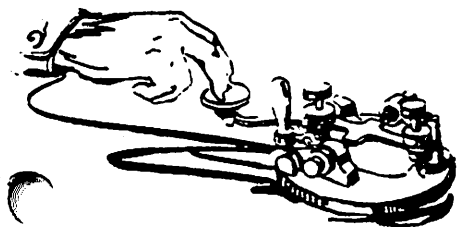
AND ROHN TOWERS OR PARTS

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14 el 2 mtr beam	\$46.50	--\$37.20--	\$9.30
18 AVQ WB vert.	\$129.95	--\$103.96--	\$25.99
TH2 MK3 beam	\$199.95	--\$149.95--	\$50.00
Explorer 14 beam	\$399.95	--\$319.96--	\$79.99

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FIELD DAY 1983

We have some people who have offered to take over the duty of setting up & overseeing the various stations. Very spiffy way to go and it should help a great deal in the process of making things run smoothly. Please note below who is doing what!!!

NOVICE STATION

80m-40m-15m

Dee Lynch--KA7NPN

LITTLE CELILO

80m-40m-15m-10m-Phone

Cary Haag--KA7KDB
erry Biggs--WB7CHK

HJT TRAILER

20m-80m-Phone

Randy Cobb--KA7HJT

HIGH SPEED CW

All bands

Ray Deeth--K7VDQ

MEDIUM SPEED CW

All bands

Warren Knight--N7BIJ
Gino Buell--KA7KBH

If you have any questions regarding Field Day operation, please call one of the above or K7RXV-KA7CTP or WB6SHR. If all else fails, just show up & enjoy yourself. It is guaranteed that you will enjoy yourself!!

CU THERE!!!!!!!!!!

Field Day 1982

Heard at 2100Z on 27 June: "Darn, it's all over. Have to wait a whole year till we can do it again."

The single operating activity that draws the most amateurs is Field Day. This was the 46th annual event which is sponsored by the American Radio Relay League. And there is no other activity that calls for such teamwork and results in such camaraderie as Field Day.

The purpose behind all the fun is to operate equipment away from normal station locations and minus commercial power. The 27-hour drill is "to meet the challenge of emergency preparedness," according to the ARRL.

Held the last full weekend each June, the Summer Classic pits the amateur and gear against the weather and fatigue. The beating sun and biting bugs, balky generators and "who forgot the fuses?" It all adds up to: a good time was had by all.

Underneath all the camping out or picnic-like atmosphere is a serious foundation. It all dates back to the early '30s. In those days, amateurs hauled bulky equipment to hilltops to communicate with the outside as the valleys were flooded.

Through the years, the amateurs have become the communications "quick reaction force." In practically every emergency the amateurs are called upon by either city, state or federal officials. When other communications facilities have become overcrowded or disabled, the amateurs

can always "get the message through."

The ability to do so comes through practice. Pre-planning and the knowledge of how to improvise on the spot are the keys to being able to provide emergency services to government and relief agencies.

The history of Amateur Radio is a shining example of what heights people can reach. Those who volunteer to assist others, at a sacrifice to themselves and with no possible gain to be obtained, are to be admired.

On Sunday afternoon, the pegs were pulled from the ground, the tents folded and masts taken down. Before going home, a search was made for a drugstore to get some sunburn lotion. Thoughts had already begun on "how to do better" next year.

Field Day. It's photographs passed around at the next club meeting, waiting for the results to come out in QST, elation at your score, or saying "We don't go out to win."

It's 2,000 groups of people. It's an outing, excitement, a challenge, a competition — some of the above or all of the above. There's as many attitudes as there are groups, from frantic to laid back.

For most clubs it is indeed the event of the year. And there may be some truth to what the old sage said, "If your club doesn't go on Field Day, you don't have a radio club." □



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WHOLESALE ELECTRONIC SUPPLIES

April 22, 1983

Oregon Tualatin Valley ARC
P. O. Box 5132
Beaverton, Oregon 97006

Attention: Janet Dunshee

Dear Janet:

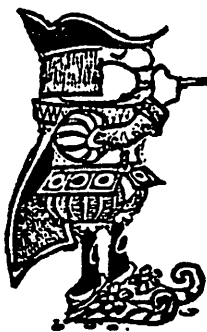
Our sincere thanks to you, the club officers, trustees and the entire membership for the presentation of the baby blanket at your April meeting. Lucille, Peter Joseph and myself deeply appreciate your thoughtfulness. The work done by Arlene Reed is absolutely beautiful.

We enjoy the club meetings and programs. I believe the coffee, cookie, punch social break is also an important part of your monthly activity and contributes to the club success.

Again, many thanks to all of you for your thoughtfulness.

Sincerely,

Joe Borsch
Joe Borsch, W7PNS
President



ACTIVITIES

Project building-Convention hosts-ARRL affiliation-Contests-Ham classes-Bunny Hunts-Public service-Emergency service-Field Day-Easter Hunt-Xmas party-Campouts-Meeting programs

BUNNY HUNT SCHEDULE

June 18--Experimenter--Bvtn. Mall

July 2 --Intermediate--Bi-Mart, Hillsboro

July 23--Experimenter--Bvtn. Mall

Aug. 6--Advanced--Sears Auto

Wsh. Square

Aug. 20-Experimenter-Bvtn. Mall

EMERGENCY-PUBLIC SERVICE

No information has been given out from the committee so it is assumed that nothing is happening! We have heard some recent calls for help on the 92-32 repeater regarding a race or two. How come no prior publicity for help? How about some news as to the St. Helens disaster preparation! What is going on? We have almost 200 members and some may wonder what is happening. When was the last time that the committee had a meeting????

ARE WE SLIPPING??

The strengths or weaknesses of a club can be traced to how effective the va committees are. In our case we have some objectives that need attention. If it were not for the fact that some of our hard workers are still at it, our situation would be shaky. We have too many people that have been at it for too long a time and are getting desperate for fresh help. It is just like this newsletter! It used to be pure fun and as time went by, the word CHORE gradually replaced FUN! A sense of duty has kept many others on the job but as the FUN went out of it, so has the creativeness, desire and willingness to take the extra effort to satisfy our large membership. The answer could be to have more members step forward, unasked, and volunteer a little of their time. We have a lot of untapped talent in our club and it is just not possible for any one officer or committee chairman to know what YOU may be able to do for us. Please take it upon yourselves to call a committee and offer to help. Don't wait to be asked. An hour or two a month, dedicated to making us more effective, should be possible for many of you. Thanks!!

●COUNTRIES OF THE WESTERN HEMISPHERE WILL GATHER IN GENEVA next month to determine how they will use the 12.2 to 12.7 GHz band for Direct Broadcast Satellites. The band was approved at the 1979 WARC. Consumer acceptance of DBS (TV direct from orbiting satellites) hinges on the size and cost of home installation. One meter dishes have been proposed and system costs of \$350 are possible. The FCC has received objections to DBS from TV broadcasting companies fearful of the competition. The program menu will be pretty much like today's cable pay TV. The first wave of DBS firms is expected to add from 20 to 25 new TV channels at a monthly fee of about \$20 per consumer. Big advantage is that expensive wiring (and system upkeep) is not necessary as in the case of cable TV! Also look for such innovations as HDTV (high definition television - twice as sharp picture quality), videotext (information services), stereophonic sound, audio channels carrying second languages, and closed captioning for the hearing impaired. There is already speculation that cable TV systems may ultimately be used primarily for home banking, television shopping, home security, picture telephone service and other 2-way needs once DBS becomes popular! An International Resource Development study forecasts over 15 million rooftop home earth stations by 1990!

W5YI



Think about time

Losing your life in a car accident takes less time than you think according to a Cornell University Medical College report which graphically illustrated the point using a scenario of a 55 mile-per-hour "head-on" with a tree.

The chilling picture painted by the resulting chain of events is not a pretty one, but the descriptions are accurate. Even at the "legal" speed (i.e., death comes quickly).

During the first one-tenth of a second after impact, the grill work and bumper begin collapsing inward. Fragments of chrome and steel are forced into the tree several inches. Within the next tenth-of-a-second the hood folds, and the rear portion smashes into your windshield. At the same instant, the rear wheels leave the ground, and the front fenders come into contact with the tree, forcing the rear part to splay out over the front doors.

Your body continues forward at fifty-five miles-per-hour. With a force equal to 20 times that of gravity, your body weighs nearly 3200 pounds. Your straight-locked legs snap a every joint when they impact the floor board. Three-tenths of a second have elapsed now: your body lifts off the seat, torso upright, broken knee-caps crammed against the dash. The plastic and steel steering wheel bends under your death

grip. Your head almost touches the sun visor and window frame.

Four-tenths of a second have passed. Twenty-four inches of the car's front-end is demolished, but the rear is still travelling at 55 miles-per-hour. The engine block smashes forward into the tree trunk, and the back end of the car rises high into the air, scraping bark from the low lying branches.

A tenth-of-a-second later, your body frozen with fear thrusts into the pole-like steering column. Blood pours into your lungs as they are ripped open by the jagged steel post. Your feet are ripped from the tightly laced shoes. As the car's body bolts are being sheared from the frame, your head smashes into the remains of the windshield. Jagged glass shreds your face and neck. The rear-end starts its downward fall, and the spinning wheels dig into the dirt.

Seven-tenths of a second have ticked away. Hinges tear loose from their metal supports, doors spring open, and the car body torques out of shape. Finally, the seat rams forward, further impaling you on the steering shaft. Blood spews from your mouth. Your heart's frozen from shock. You are now dead.

Eternity can come quickly to the careless driver. The next time you get behind the wheel of your car, think a moment about time.

TELEPHONE ORDERS NOT COVERED BY MAIL ORDER RULES

Many mail-order marketers now offer 800 telephone numbers for easy ordering. Shopping by telephone is often a convenient alternative to shopping by mail. But there is an advantage to shopping by mail - your purchase will be covered by the Federal Trade Commission's Mail Order Rule. Orders placed by telephone are not covered.

The FTC Mail Order Rule requires companies to ship your order within the time promised in their advertisement. If no time period is promised, the company must ship your order within 30 days after they receive it, unless you are contacted and agree to a specific delay. Where there is a shipment delay, the company must send an "option notice," giving the option of either consenting to the delay or cancelling the order and receiving a refund. ■

JACKETS ARE READY

FOR; WD5GEQ
K7WTC

Call Warren at
644-0752 and make
arrangements!!!!

HAMFAIRS

July 8-9-10 ARRL in Spokane
July 16-17 Eugene Hamfair
Aug. 13-14 Tacoma Hamfair

Pick up registration forms at
your local radio store.

MEETING PROGRAM

It will be our quarterly social night but we hope to have some field day slides to watch during the break. Show up and see yourself in pictures.

CELILLO CONVERTER STATION TOUR

John Haide, WA7CZA, works for the BPA and has arranged for a very exclusive tour of the Celilo 800 KV DC intertie. The tour takes place on July 16, a saturday. If you are interested, call John and reserve your space. They must know how many to expect. Details will be given at the June meeting. Time and etc.. John-246-8086.

PSU VIKING CLASSIC RACE

Mark, N7CRQ, our Public Service/Emergency Service committee chairman, wishes to thank the following members for their help during the race. Thanks to-John, KA7KDF--Janet, WB7FJC--Marty, KA7CTP--Jack, KA7HOJ--Randy, KC7YS. A big hats off to you all for a job well done!!!!

Well, that's it for this month. A little rough on the edges but just too busy with the convention preparation to spend time on this thing. CU AT FIELD DAY.....

COPY: Dennis Boyd KC7BE
EDITOR: Al Berg WB7SIC

CIRCULATION
250

WHO TO CALL FOR WHAT

Public Service	Mark Cattell	N7CRQ	245-1230
Club Contests	Marty McKillip	KA7CTP	644-9244
Public Relations	(needed)		
Club Raffle	Willie Raines	N7DZR	292-1656
Programs	John Haide	WA7CZA	246-8086
Technical	Roger Steyaert	K7RXV	642-1419
Wash. Cty. EC	"	"	"
Club Socials	Joanne Powers	WB7QFL	655-6498
	Paul Lucas	WB6SHR	641-8703
	Warren Winner	W7JDT	644-0752
Club Jackets	"	"	"
INFO	"	"	"
Badges	Linda Cereghino	N7CZY	643-5862
Roster Changes	"	"	"
Ham Classes	Bob Orr	KB7CC	297-2732
Bunny Hunts	Mark Cattell	N7CRQ	245-1230
ARRL Membership	John Koenig	NB7W	641-7535
Club Library	(needed)		
Club Scrapbook	(needed)		
Convention	Al Berg	WB7SIC	640-5456
Newsletter	"	"	"
ARRL Assist. Dir.	"	"	"

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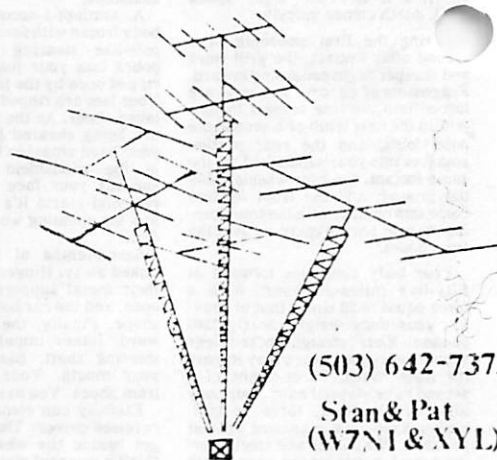
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